

**STATE OF CALIFORNIA**  
**California Energy Commission**

Minutes of the March 23, 2011, Energy Commission Business Meeting.

The meeting was called to order at 10:00 by Chair Robert B. Weisenmiller. The Pledge of Allegiance was lead by Chair Weisenmiller.

Present:

Robert B. Weisenmiller, Chair  
James D. Boyd, Vice Chair

Karen Douglas, Commissioner  
Carla J. Peterman, Commissioner

1. **CONSENT CALENDAR.** (Items on the Consent Calendar will be taken up and voted on as a group. A commissioner may request that an item be moved and discussed later in the meeting.)
  - a. **AFFORDABLE COMFORT, INC. (ACI).** Possible approval of Contract 400-10-009 for \$20,000 to co-sponsor the ACI National Home Performance Conference held in San Francisco, March 28 - April 1, 2011. The conference is expected to draw 2,000 participants from around the country in the fields of building energy efficiency and occupant comfort. (ERPA funding.)  
Contact: Erik Jensen.
  - b. **NATIONAL RENEWABLE ENERGY LABORATORY.** Possible approval of Amendment 3 to Contract 500-05-027 with the National Renewable Energy Laboratory for a 12-month no-cost time extension. This project will develop three turnkey reference designs for photovoltaic inverters that will expedite the use of distributed renewables and lower the cost of deploying photovoltaics in California. Contact: Steve Ghadiri.
  - c. **SAN FRANCISCO PUBLIC UTILITIES COMMISSION.** Possible approval of Amendment 1 for Grant PIR-06-001 with San Francisco Public Utility Commission for a one-year no-cost time extension and contractual amendment to reduce the demonstration period to six months, and revise budget due to additional labor and increase in match funds. These changes will give the contractor time to complete the project and prepare all project deliverables. Contact: Abolghasem Edalati.

*Vice Chair Boyd moved and Commissioner Douglas seconded approval of the Consent Calendar.*

2. **CITY OF HAYWARD.** Possible approval of the City of Hayward's locally adopted building energy standards to require greater energy efficiency than the *2008 Building Energy Efficiency Standards*. Contact: Joe Loyer. (5 minutes)

*Commissioner Douglas moved and Vice Chair Boyd seconded approval of the City of Hayward building energy standards. The vote was unanimous. (4-0)*

3. PIO PICO ENERGY CENTER (11-AFC-1). Contact: Eric Solorio. (10 minutes)
  - a. Possible adoption of the Executive Director's data adequacy recommendation for the Pio Pico Energy Center. The project is a 300 megawatt simple-cycle generation facility that would use three natural gas-fired combustion turbine generators. The project would be located on 10 acres of disturbed land in an unincorporated area of southwestern San Diego County known as Otay Mesa.

*Commissioner Douglas moved and Commissioner Peterman seconded adoption of the Executive Director's recommendation that the Pio Pico project be found data inadequate at this time. The vote was unanimous. (4-0)*

- b. Possible appointment of a siting committee for the Pio Pico project.

*No action was taken on Item 3b.*

4. META VISTA. Possible approval of Purchase Order Number P.O. 10-409.00-007 with Meta Vista for \$260,000 to provide lead system architect services for the Application Core Technology (ACT) Project. The contract will provide the Information Technology Services Branch with a vehicle to improve and streamline the technical environment and applications at the Energy Commission, consistent with the California Information Technology Strategic Plan. (ERPA funding.) Contact: Atlas Hill. (5 minutes)

*Vice Chair Boyd moved and Commissioner Douglas seconded approval of Purchase Order 10-409.00-07. The vote was unanimous. (4-0)*

5. CALIFORNIA EMPLOYMENT TRAINING PANEL. Possible approval of Amendment 1 to Contract 600-09-016 with the California Employment Training Panel for a one-year time extension and adding \$780,000 in funding. This amendment will fund additional workforce training contracts established through this inter-agency agreement to deliver training services to California's emerging green transportation industry. (ARFVTF funding.) Contact: Darcie Chapman. (5 minutes)

*Vice Chair Boyd moved and Commissioner Peterman seconded approval of Amendment 1 to Contract 600-09-016. The vote was unanimous. (4-0)*

6. DELTA DIABLO SANITATION DISTRICT. Possible approval of Contract 500-10-034 for \$999,924 with Delta Diablo Sanitation District to develop, demonstrate and implement a system or systems for converting biosolids to energy that will maximize energy production, minimize solid and liquid waste disposal issues, and meet California's environmental standards. (PIER electricity funding.) Contact: Rizaldo Aldas. (5 minutes)

*Vice Chair Boyd moved and Commissioner Peterman seconded approval of Contract 500-10-034. The vote was unanimous. (4-0)*

7. UNIVERSITY OF CALIFORNIA, DAVIS. Possible approval of Amendment 1 to Contract 500-08-053 with the Regents of the University of California, Davis, to add \$311,481 and a ten-month time extension. The amendment will eliminate three projects, and re-scope four subtasks based on feedback from the Program Advisory Committee. This amendment will also correct typographical errors in the budget. (PIER electricity funding.) Contact: Dustin Davis. (5 minutes)

*Vice Chair Boyd moved and Commissioner Douglas seconded approval of Amendment 1 to Contract 500-08-053. The vote was unanimous. (4-0)*

8. UNIVERSITY OF CALIFORNIA, BERKELEY. Possible approval of Contract 500-10-035 with the Regents of the University of California, Berkeley, for \$82,510 to study the relationship between fog, winter chill hours, and energy demand for heating in the Central Valley region. (PIER electricity funding.) Contact: Sarah Pittiglio. (5 minutes)

*Item 8 was removed from the agenda.*

9. LINDE LLC. Possible approval of Agreement ARV-10-038, for a grant of \$3,396.209 to Linde LLC to install two publicly-accessible hydrogen fueling stations at existing retail gasoline stations. (ARFVTF funding). Contact: Tobias Muench.

*Vice Chair Boyd moved and Commissioner Douglas seconded approval of Agreement ARV-10-038 and a finding that the project is categorically exempt from further environmental impact review. The vote was unanimous. (4-0)*

10. 2011 BIOENERGY ACTION PLAN. Possible adoption of the Draft 2011 Bioenergy Action Plan. This version updates the 2006 Bioenergy Action Plan to address continuing barriers to the development and deployment of bioenergy, and to identify issues and solutions to biogas injection and gas cleanup. Contact: Garry O'Neill. (10 minutes)

*Vice Chair Boyd moved and Commissioner Douglas seconded adoption of the 2011 Bioenergy Action Plan. The vote was unanimous. (4-0)*

11. PUBLIC INTEREST ENERGY RESEARCH (PIER) ANNUAL REPORT. Possible approval of the Public Interest Energy Research (PIER) 2010 Annual Report to the Legislature. Contact: Laurie ten Hope. (10 minutes)

*Item 11 was moved to the March 30 agenda.*

12. **Minutes:** Possible approval of the March 9, 2011, Business Meeting Minutes.

*Vice Chair Boyd moved and Commissioner Douglas seconded approval of the Minutes. The vote was unanimous. (4-0)*

13. **Commission Committee Presentations and Discussion:**

Commissioner Peterman reported meeting with Google, together with Chair Weisenmiller.

Vice Chair Boyd reported on the consequences of the Japan earthquake and tsunami with respect to California's infrastructure and the recent meeting of the Select Committee on Earthquake Preparedness.

14. **Chief Counsel's Report:** None.

15. **Executive Director's Report:** None.

16. **Public Adviser's Report:** None.

17. **Public Comment:** None.

18. **Internal Organization and Policy.** None.

Appearances:

Mr. Steven Eckhardt, Linde LLC (by telephone)

Mr. John A. McKinsey, Stoel Rives, LLP

Mr. Gary Chandler, Apex Power Group, LLC

Ms. Caroline Quinn, Bay Area Biosolids to Energy Coalition

Mr. Michael Theroux, JDMT

Mr. John Menke, State Water Board

There being no further business, the meeting was adjourned.

Respectfully submitted,

HARRIET KALLEMEYN  
Secretary to the Commisison